

98.3 FM WKTU

South Jersey's Oldies Station

RM-8434

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JAN 21 1994

COMM. ROOM

Secretary
Federal Communications Commission
Washington, D.C. 20554
January 11, 1994

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FM EXAMINERS

PETITION FOR RULEMAKING to amend the Code of Federal Regulations, Title 47, part 73.202(b); Table of FM Allotments

I, Don Schwartz, Vice President of Atlantic Morris Broadcasting, Inc., Licensee of FM Broadcast Station WKTU, Ocean City, NJ, hereby request that the Commission amend the Table of FM Allotments and require the following:

- 1.) that the allotment of channel 252A (98.3 MHz) to Seaford, DE be deleted;
- 2.) that channel 253A (98.5 MHz) be added to Seaford, DE as a replacement for channel 252A (98.3 MHz); and,
- 3.) that that WECY-FM, Seaford, DE be required to change operating channel from 252A (98.3 MHz) to 253A (98.5 MHz).

There presently exists considerable 98.3 MHz co-channel interference between stations WKTU, Ocean City, NJ and WECY-FM, Seaford, DE. Both stations have transmitter sites which are separated by only 103.88 kilometers. Part 73.207(b)(1) of the Rules specifies a minimum separation of 115.00 kilometers. This 11.12 kilometer short-spacing is worsened by the fact that a significant portion of the area between the coverage areas of both stations has a signal path across the Delaware Bay. This condition provides minimal attenuation of the undesired interfering signals between both stations. The bay directly separates Cape May County, NJ and Sussex County, DE, which are counties to which WKTU and WECY-FM each respectfully have their transmitter sites and communities of license located.

Study of this interference problem is without solution with respect to changing the operating frequency of WKTU as no other frequency was found which corrects this short-spacing discrepancy without creating new increasingly serious short-spacing conditions. On the other hand, WECY-FM can be changed one channel as requested herein and resultingly

A Subsidiary of
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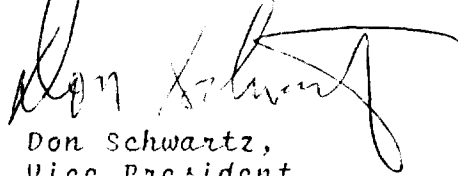
remove this short-spacing condition not only to co-channel station WKTU, but also to co-channel station WSMD, Mechanicsville, MD, to which WECY-FM is currently 9.0 kilometers short-spaced. In other words, reallocation of WECY-FM from 98.3 MHz to 98.5 MHz will remove all short-spacing for WECY-FM and permit the licensee of WECY-FM the option to apply to the Commission for full 6.0 kilowatts Class "A" effective radiated power without restriction to any other allocation or allotment. WECY-FM currently operates with 3.0 kilowatts effective radiated power as permitted under previous rules.

The financial burden associated with this proposed channel change for the licensee of WECY-FM is very small when compared with the advantages gained by all affected licensees to this matter. The WECY-FM frequency change can be accomplished by the simple replacement of the transmitter exciter crystal or resetting of DIP switches therein and slight retuning of the transmitter proper. Because the change in frequency is very slight, one channel (0.2 MHz), the existing WECY-FM transmitting antenna should effect without any loss in performance.

Complete engineering allocation study in support of the assignment of WECY-FM from FM channel 252A to 253A is attached.

This petition is believed to be in the public interest and Commission consideration and process thereupon is greatly appreciated.

Sincerely,

A handwritten signature in dark ink, appearing to read "Don Schwartz", with a stylized flourish extending from the end.

Don Schwartz,
Vice President
Atlantic Morris Broadcasting, Inc.

RICHARD F. ARSENAULT, B.Sc.

TELECOMMUNICATIONS CONSULTANT

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FM ENGINEERING STUDY

IN SUPPORT OF PETITION TO AMEND THE TABLE OF ALLOTMENTS

WITH THE SUBSTITUTION OF CHANNEL 253A FOR 252A

IN SEAFORD, DELAWARE

DECEMBER 1993

FM ALLOCATION STUDY SUPPORTING THE SUBSTITUTION OF CHANNEL
253A FOR 252A IN SEAFORD, DELAWARE

Channel 252A (98.3 MHz) is currently allotted to Seaford, Delaware and utilized by station WECY-FM. WECY-FM operates with an effective radiated power of 3 kilowatts and antenna 100 meters average height above average terrain. An FM allocation study was completed for WECY-FM transmitter geographical coordinates on both channels 252A (98.3 MHz) and 253A (98.5 MHz).

With present operation on channel 252A (98.3 MHz), WECY-FM is short-spaced under the rules part 73.207(b)(1) (Minimum distance separation between stations) with the transmitter sites of co-channel Class A stations WKTU, Ocean City, New Jersey by 11.12 kilometers and with WSMD, Mechanicsville, Maryland by 8.99 kilometers. This is shown in attached allocation study with WECY-FM operating on present authorized channel 252A; see Exhibit "A".

With proposed operation of WECY-FM on substituted channel 253A (98.5 MHz), full required 6 kilowatt Class A spacing in compliance with part 73.207(b)(1) of the rules is achieved with all other allotments and assignments as shown in allocation study Exhibit "B". Compliance with part 73.207(c) with respect to minimum distance separation from TV channel 6 and any allotment or assignment on channel 253A is also easily met with WPVI(TV), the nearest channel 6 facility

ALLOCATION STUDY TO AMEND THE TABLE OF FM ALLOTMENTS
SEAFORD, DE (continued, page 2 of 3)

which is located approximately 160 kilometers distant.
Minimum required separation in TV zone I is 17 kilometers
with a Class A FM station on channel 253 (98.5 MHz).

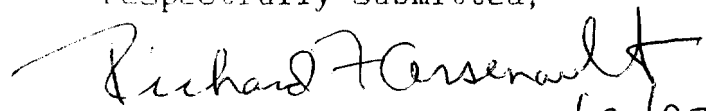
Substitution of channel 253A in place of existing
channel 252A to Seaford, DE and subsequent channel change of
WECY-FM would improve reception within the normally protected
1 millivolt (60dBu) coverage areas and extended secondary
coverage areas of stations WECY-FM, WKTU and WSMD due to the
reduction in mutual interference between stations, and
secondly, would permit WECY-FM to optionally apply to the
Commission for an increase in effective radiated power to 6
kilowatts omnidirectional.

The change of a single channel (in this case from
channel 252A to 253A) is typically accomplished simply by the
replacement of a quartz crystal in the FM exciter (or by the
resetting of dip switches in a frequency synthesized type
exciter) and slight retuning of the transmitter. The
transmission line and FM antenna typically operate with
virtually no change in efficiency for this slight change in
operating frequency (0.2 MHz). Therefore, the cost and
labor required for this frequency change is insignificant
when compared to the benefits afforded to affected stations
WECY-FM, WKTU and WSMD.

ALLOCATION STUDY TO AMEND THE TABLE OF FM ALLOTMENTS
SEAFORD, DE (continued, page 3 of 3)

Accordingly, it is believed that amendment of the Table of FM allotments with the deletion of channel 252A and substitution of channel 253A to Seaford, DE, would best serve the public interest.

respectfully submitted,

A handwritten signature in cursive script, reading "Richard F. Arsenault", followed by a horizontal flourish.

Richard F. Arsenault

12/31/93

Channel : 252A

Coordinates : N 38 36 47.0 W 75 35 12.0

Separations : FM Zone 1 - Commercial

Call	City	&	State	Stat	File - number	Chan	ERP	HAAT	Zn	Latitude	Longitude	Bear	Dist	Req'd	Clear	Notes
--- kilometers ---																
WAFLFM	MILFORD		DE	LIC	BLH 861204KA	249A	3.00	328	1	38 55 39.0	75 29 20.0	13.6	35.93	31.0	4.93	CLOSE
WAFLFM	MILFORD		DE	CP	BPH 91122718	249A	6.00	328	1	38 55 39.0	75 29 20.0	13.6	35.93	31.0	4.93	CLOSE c
WAFLFM	MILFORD		DE	APP	BMPH 9304211C	249A	6.00	328	1	38 55 39.0	75 29 20.0	13.6	35.93	31.0	4.93	CLOSE
WMDNFM	LEXINGTON PARK		MD	LIC	GLH 7627	249A	3.00	300	1	38 15 57.0	76 33 35.0	246.9	92.53	31.0	61.53	
WSBL	SELBYVILLE		DE	CPM	BMPH 9205131C	250A	3.00	328	1	38 25 20.0	75 8 23.0	118.5	44.36	31.0	13.36	CLOSE c
WITY	BALTIMORE		MD	LIC	BLH 880914KA	250B	13.5	946	1	39 20 5.0	76 39 3.0	311.4	122.16	69.0	53.16	
WQGL	PHILADELPHIA		PA	LIC	BLH 7443	251B	12.5	1000	1	40 2 31.0	75 14 11.0	10.6	161.48	113.0	48.48	
WTVRFM	RICHMOND		VA	LIC	BLH 1944	251B	50.0	840	1	37 34 0	77 28 36.0	235.5	202.44	113.0	89.44	
WECYFM	SEAFORD		DE	LIC	BLH 900726KB	252A	3.00	328	1	38 36 47.0	75 35 12.0	0	00	115.0	-115.00	SHORT c
WSMD	MECHANICSVILLE		MD	LIC	BLH 880913KA	252A	3.00	328	1	38 24 49.0	76 46 31.0	258.3	106.01	115.0	-8.99	SHORT
	MECHANICSVILLE		MD	ALC		252A			1	38 26 24.0	76 44 24.0	259.5	102.39	115.0	-12.61	SHORT c
WMGQ	NEW BRUNSWICK		NJ	LIC	BLH 850405KK	252A	1.20	530	1	40 28 33.0	74 29 34.0	24.0	227.19	115.0	112.19	
WKTO	OCEAN CITY		NJ	LIC	BLH 880707KE	252A	3.00	329	1	39 12 18.0	74 39 33.0	50.4	193.88	115.0	-11.12	SHORT
WXVAFM	CHARLESTOWN		WV	LIC	BLH 840316AB	252A	3.00	300	1	39 16 23.0	77 51 56.0	191.1	110.72	115.0	15.72	
WQWJ	OCEAN ACRES		FL	LIC	BLH 130226KA	253A	6.00	326	1	39 45 6.0	74 15 39.0	41.7	170.59	112.0	28.59	
MYCR	YORK-HANOVER		PA	LIC	BLH 1102	253B	10.5	930	1	39 51 30.0	76 56 52.0	120.2	181.45	113.0	68.45	
WMZOFM	WASHINGTON		DC	LIC	BLH 8423	254B	50.0	490	1	38 53 12.0	77 12 5.0	282.8	143.02	69.0	24.62	Comment
WFNN	VILLAS		NJ	LIC	BLH 900412KA	254A	3.00	292	1	39 0 33.0	74 52 13.0	54.4	76.19	31.0	45.19	
WSBYFM	SALISBURY		MD	LIC	BLH 900122KA	255A	3.00	328	1	38 18 0	75 37 41.0	185.9	34.94	31.0	3.94	CLOSE
WUSL	PHILADELPHIA		PA	LIC	BLH 7679	255B	18.0	830	1	40 2 31.0	75 14 11.0	10.6	161.48	69.0	92.48	

ALLOCATION STUDY
EXHIBIT "A"
MECY-FM OPERATING ON AUTHORIZED CHANNEL 252A (98.3 MHz)

December 1993

Channel : 253A
 Coordinates : N 38 36 47.0 W 75 35 12.0
 Separations : FM Zone 1 - Commercial

Call	City	&	State	Stat	File - number	Chan	ERP	HAAT	Zn	Latitude	Longitude	Bear	Dist	Req'd	Clear	Notes
--- kilometers ---																
WMUCFM	COLLEGE PARK		MD	APP	860310MH	*200D	0.01	3	1	38 58 59.0	76 56 37.0	289.7	124.83	7.1*	117.75	Comment
WSBL	SELBYVILLE		DE	CPM	BMPH 920513IC	250A	3.00	328	1	38 25 20.0	75 8 23.0	118.5	44.36	31.0	13.36	CLOSE c
WIYY	BALTIMORE		MD	LIC	BLH P80914KA	250B	13.5	946	1	39 20 5.0	76 39 3.0	311.4	122.16	69.0	53.16	
WUGL	PHILADELPHIA		PA	LIC	BLH 7443	251B	12.5	1000	1	40 2 31.0	75 14 11.0	10.6	161.48	69.0	92.48	
WECYFM	SEAFORD		DE	LIC	BLH 900726KB	252A	3.00	328	1	38 36 47.0	75 35 12.0	.0	.00	72.0	-72.00	SHORT c
WSMD	MECHANICSVILLE		MD	LIC	BLH 880913KA	252A	3.00	328	1	38 24 49.0	76 46 31.0	258.3	106.01	72.0	34.01	
	MECHANICSVILLE		MD	ALC		252A			1	38 26 24.0	76 44 24.0	259.5	102.39	72.0	30.39	Comment
WKTU	OCEAN CITY		NJ	LIC	BLH 880707KE	252A	3.00	329	1	39 12 18.0	74 39 33.0	50.4	103.88	72.0	31.88	
WQMJ	OCEAN ACRES		NJ	LIC	BLH 930226KA	253A	6.00	226	1	39 45 6.0	74 15 39.0	41.7	170.59	115.0	55.59	
WKRZFM	MILKES-BARRE		PA	LIC	BLH 880128KE	253B	8.70	1172	1	41 11 56.0	75 49 6.0	356.1	287.79	178.0	109.79	
WYCR	YORK-HANOVER		PA	LIC	BLH 4102	253B	10.5	930	1	39 51 30.0	76 56 52.0	320.2	181.45	178.0	3.45	CLOSE
WMZQFM	WASHINGTON		DC	LIC	BLH 6423	254B	50.0	490	1	38 53 12.0	77 12 5.0	282.8	143.62	113.0	30.62	Comment
WFNN	VILLAS		NJ	LIC	BLH 900412KA	254A	3.00	292	1	39 0 33.0	74 52 13.0	54.4	76.19	72.0	4.19	CLOSE
WNORFM	WOLF-CRK		VA	LIC	BLH 810406AH	254B	46.0	620	1	36 50 3.0	76 16 12.0	197.1	206.42	113.0	93.42	
WSBYFM	SALETSBURY		MD	LIC	BLH 900122KA	255A	3.00	328	1	36 18 .0	75 37 41.0	185.9	34.94	31.0	3.94	CLOSE
WUSL	PHILADELPHIA		PA	LIC	BLH 7679	255B	18.0	830	1	40 2 31.0	75 14 11.0	10.6	161.48	69.0	92.48	
WHFS	ANNAPOLIS		MD	LIC	BLH 891006KA	256B	50.0	459	1	38 59 46.0	76 39 26.0	295.0	102.26	69.0	33.26	
K256AA	COMMERCIAL TWP.		NJ	CP	BPFT 910604TN	256D	0.07		4	39 18 14.0	75 2 28.0	31.4	30.10	5.5*	84.63	Trans
WXGM	GLOUCESTER		VA	LIC	BLH 910805KE	256A	6.00	328	1	37 25 19.0	76 34 10.0	213.3	157.88	31.0	126.88	

ALLOCATION STUDY
 EXHIBIT "B"
 WECY-FM OPERATING ON PROPOSED CHANNEL 253A (98.5 MHz)

December 1993